



RECYCLED WATER COMMITTEE MEETING

MINUTES

**Wednesday, July 10, 2019
12:00 PM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER

A regular meeting of the Santa Clara Valley Water District (Valley Water) Recycled Water Committee (Committee) was called to order in the Valley Water Headquarters Boardroom, 5700 Almaden Expressway, San Jose, California at 12:00 PM.

1.1 Roll Call.

Committee members in attendance were District 2 Director B. Keegan, and District 6 Director T. Estremera, Chairperson presiding, constituting a quorum of the Committee.

District 7 Director G. Kremen was excused from attending.

Staff members in attendance were H. Ashktorab, H. Barrientos, G. De La Piedra, A. Fulcher, G. Hall, N. Hawk, Z. Helsley, M. Lugo, M. Meredith, L. Orta, K. Oven, M. Richert, E. Sans, M. Sinaki, C. Sun, D. Tucker, and B. Yerrapotu.

Also in attendance were Valley Water consultant contractors P. Daniel, Liquisti LLC and D. Chen, HDR, Inc.

1.2 Time Open for Public Comment on Any Item Not on the Agenda.

Chairperson Estremera declared time open for public comment on any item not on the agenda. There was no one present who wished to speak.

2. APPROVAL OF MINUTES

2.1 Approval of Minutes.

Recommendation: Approve the minutes of the May 20, 2019 meeting.

The Committee considered the attached minutes of the May 20, 2019 meeting. It was moved by Director Keegan, seconded by Chairperson Estremera, and carried that the minutes be approved as presented. Director Kremen was absent.

3. ACTION ITEMS

3.1 Policy Options Related to Centralized and Decentralized Water Reuse.

Recommendation: Receive information and provide direction on policy options related to centralized and decentralized water reuse.

Mr. Hossein Ashktorab, Recycled and Purified Water Manager, reviewed the information on this item per the attached Committee Agenda Memo and corresponding presentation materials contained in Attachment 2, and reported that staff was preparing to bring information to the Committee in August or September 2019, regarding discussions with Stanford University in support of on-site urban runoff stormwater capture and potential reuse opportunities.

The Committee requested the following be factored into development of proposed centralized vs. decentralized guiding principles:

- Santa Clara County does not have the real estate constraints that favor development of decentralized systems that other areas, such as San Francisco, have;
- Valley Water should determine the right size and fit for the geographical region and types of development/industries it represents;
- Valley Water's role as Santa Clara County's Groundwater Sustainability Agency should be considered; and
- Cost /benefit ratios need to be considered, particularly as they pertain to long-term operations and maintenance, and the resiliency of decentralized systems in consideration of property transfer and use changes over the life of a decentralized system.

Ms. Nina Hawk, Chief Operating Officer, confirmed that staff would also include the following in future centralized vs. decentralized policy discussions:

- Identify the existing Board policies and Valley Water programs that support use of public funds for decentralized water reuse, including grants and rebate programs such as the draft Water Supply Master Plan 2040 "No Regrets" package;
- Valley Water's role as wholesaler vs. retailer;
- Information from other agencies on long-term operations and maintenance costs of decentralized systems; and
- Opportunities for a Valley Water role as an in-County technical expert for large-scale decentralized systems.

The Committee acknowledged the need for educational outreach on the long-term implications of decentralized systems, and requested that staff review the information presented today with Director Kremen for additional feedback.

The Committee continued discussion to the August 14, 2019, regular meeting.
(NOTE: Subsequent to adjournment, staff advised Chairperson Estremera that a

response could not be prepared in time for the August 14, 2019 meeting, and Chairperson Estremera confirmed that the item could be brought back to the Committee at a later date.)

3.2 Update on Conceptual Refinery Recycled Water Exchange with Contra Costa Water District (CCWD) and Central Contra Costa Sanitary District (Central San).

Recommendation: Receive information on the status and next steps for the Refinery Recycled Water Exchange Project.

Ms. Metra Richert, Water Supply Planning and Conservation Manager, reviewed the information on this item, per the attached Committee Agenda Memo, and informed the Committee of an upcoming meeting between the project partners CCWD, Central San, and Valley Water to discuss progress on work plan tasks, finance and cost-benefit ratios, and next steps

Director Keegan requested that staff anticipate and prepare to respond to feedback from environmental groups and constituents.

The Committee noted the information, without formal action.

3.3 Update on Bottling Purified Water at the Silicon Valley Advanced Water Purification Center.

Recommendation: Receive information and provide input on staff's efforts to develop an Advanced Purified Demonstration Water Bottling Plan.

Mr. Zachary Helsley, Associate Civil Engineer, reviewed the information on this item, per the attached Committee Agenda Memo and corresponding presentation materials contained in Attachment 1, and informed the Committee that staff would begin meeting with the State Water Resources Control Board, Division of Drinking Water, to discuss the Implementation Plan.

The Committee expressed concern about the costs, but expressed support for the benefits to be derived from outreach.

The Committee noted the information, without formal action.

3.4 Update on the 5th Independent Advisory Panel Meeting.

Recommendation: Receive information on the 5th meeting of the Independent Advisory Panel (IAP) for evaluation of Santa Clara Valley Water District's Potable Reuse program and efforts.

Mr. Medi Sinaki, Senior Engineer, reviewed the information on this item, per the attached Committee Agenda Memo and corresponding presentation materials contained in Attachment 1, and provided the following IAP panel members list: Mr. James Crook, Ph.D., P.E., BCEE (Chair), Environmental Engineering Consultant; Ms. Katherine Cushing, Ph.D. (Vice Chair), San Jose State University; Ms. Jean E. Moran, Ph.D., California State University East Bay; Dr. Adam W. Olivieri, P.H.,

P.E., EOA, Inc.; Mr. Mehul Patel, P.E., Orange County Water District; and Mr. Shane A. Snyder, Ph.D., University of Arizona.

The Committee requested that staff invite local medical association representatives to participate in or observe future IAP discussions, and noted the information, without formal action.

3.5 Review Recycled Water Committee Work Plan.

Recommendation: Review and make necessary adjustments to the Committee Work Plan, and confirm next meeting time, date, and discussion subjects.

The Committee requested that staff agendaize the following items at the August 14, 2019 meeting:

- Discussion to identify goals and make policy recommendations to the Board that supports implementing a P3 agreement for the Expedited Purified Water Program;
- Preparatory discussion for the September 2019 Joint Recycled Water Policy Advisory Committee Meeting with City of San Jose/Santa Clara;
- Preparatory discussion for September 2019 Joint Recycled Water Policy Advisory Committee Meeting with Cities of Palo Alto/Mountain View; and
- Continued discussion on policy options related to centralized/decentralized water reuse. (Note: subsequent to adjournment, staff advised Chairperson Estremera that a response could not be prepared in time for the August 14, 2019 meeting, and Chairperson Estremera confirmed that the item could be brought back to the Committee at a later date.)

4. INFORMATION ITEMS

4.1 Update on the Recycled and Purified Water Outreach Activities.

Recommendation: Receive information on the recycled and purified water outreach activities in Fiscal Year 2019 (FY19).

Ms. Marta Lugo, Acting Civic Engagement Manager, reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1.

Director Keegan requested that staff engage the Government Relations Unit to lead educational tours for elected officials and key staff at agencies that would benefit from increased awareness of direct potable reuse.

The Committee noted the information, without formal action.

5. Clerk Review and Clarification of Committee Requests.

With regard to Item 3.1:

Staff is to review the need for educational outreach on the long-term implications of decentralized systems, and review the information presented with Director Kremen for additional feedback.

Staff is to bring back a discussion on policy options related to centralized/decentralized water reuse. (Note: subsequent to adjournment, staff advised Chairperson Estremera that a response could not be prepared in time for the August 14, 2019 meeting, and Chairperson Estremera confirmed that the item could be brought back to the Committee at a later date.)

With regard to Item 3.4:

Staff to invite local medical association representatives to participate in or observe future IAP discussions.

With regard to Item 3.6:

Staff is to agendaize the following items at the August 14, 2019 meeting:

- Discussion to identify goals and make policy recommendations to the Board that supports implementing a P3 agreement for the Expedited Purified Water Program;
- Preparatory discussion for the September 2019 Joint Recycled Water Policy Advisory Committee Meeting with City of San Jose/Santa Clara;
- Preparatory discussion for September 2019 Joint Recycled Water Policy Advisory Committee Meeting with Cities of Palo Alto/Mountain View; and
- Continued discussion on policy options related to centralized/decentralized water reuse. (Note: subsequent to adjournment, staff advised Chairperson Estremera that a response could not be prepared in time for the August 14, 2019 meeting, and Chairperson Estremera confirmed that the item could be brought back to the Committee at a later date.)

With regard to Item 4.1:

Staff to engage the Government Relations Unit to lead educational tours for elected officials and key staff at agencies that would benefit from increased awareness of direct potable reuse.

6. ADJOURN

- 6.2 Chairperson Estremera adjourned the meeting at 1:40 p.m. to the next scheduled meeting at 12:00 p.m. on August 14, 2019, in the Santa Clara Valley Water District Headquarters Boardroom, 5700 Almaden Expressway, San Jose, California.



Eva Marie Sans
Assistant Deputy Clerk II

